




FEMA



NDEP Project Tracking System Quick Reference Guide

Mapping
Information Platform



Home

NDEP Project Tracking System



National Digital Elevation Program

Welcome to the NDEP Project Tracking System.

On this site, you can choose any of three options:

- 1) **Upload Project Information** to load projects by uploading XML files directly to the Project Tracking System
- 2) **Enter Project Information** to enter project information in the Project Tracking System through online forms
- 3) **Search Project Information** to query the Project Tracking System for existing projects

The online forms are used to generate an FGDC-compliant metadata record. A copy will be emailed to you for your use.

For help on how to use the NDEP Project Tracking System, see the quick User Reference ([Adobe PDF](#)) and User Guide ([Adobe PDF](#)). Adobe PDF documents require the [Adobe Reader](#).

If you experience technical difficulties using the system, please send us an email (MIPHelp@mapmodteam.com). You will receive a response promptly.

If you have questions about the National Digital Elevation Program project coordination activities, please see the [NDEP Project Coordination Subcommittee web page](#).

Most of the metadata terms can be found in this [glossary](#).

There are several tools and explanations of how metadata is used at the [USGS's geology metadata page](#).

Another good source for researching metadata terminology and definitions is at the [Image Map of the Content Standard for Digital Geospatial Metadata](#).

And, of course, there is the [FGDC website](#).

Upload Project Information

Enter Project Information

Search Project Information

Export All Records

Brief

Summary

Full

CSV

download

download

download

XML

download

download

download

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What is the NDEP Project Tracking System?

The NDEP Project Tracking System is an application that allows the entry and search of elevation project information for projects available in the NDEP Tracking System Registry.

NDEP Project Tracking System Overview

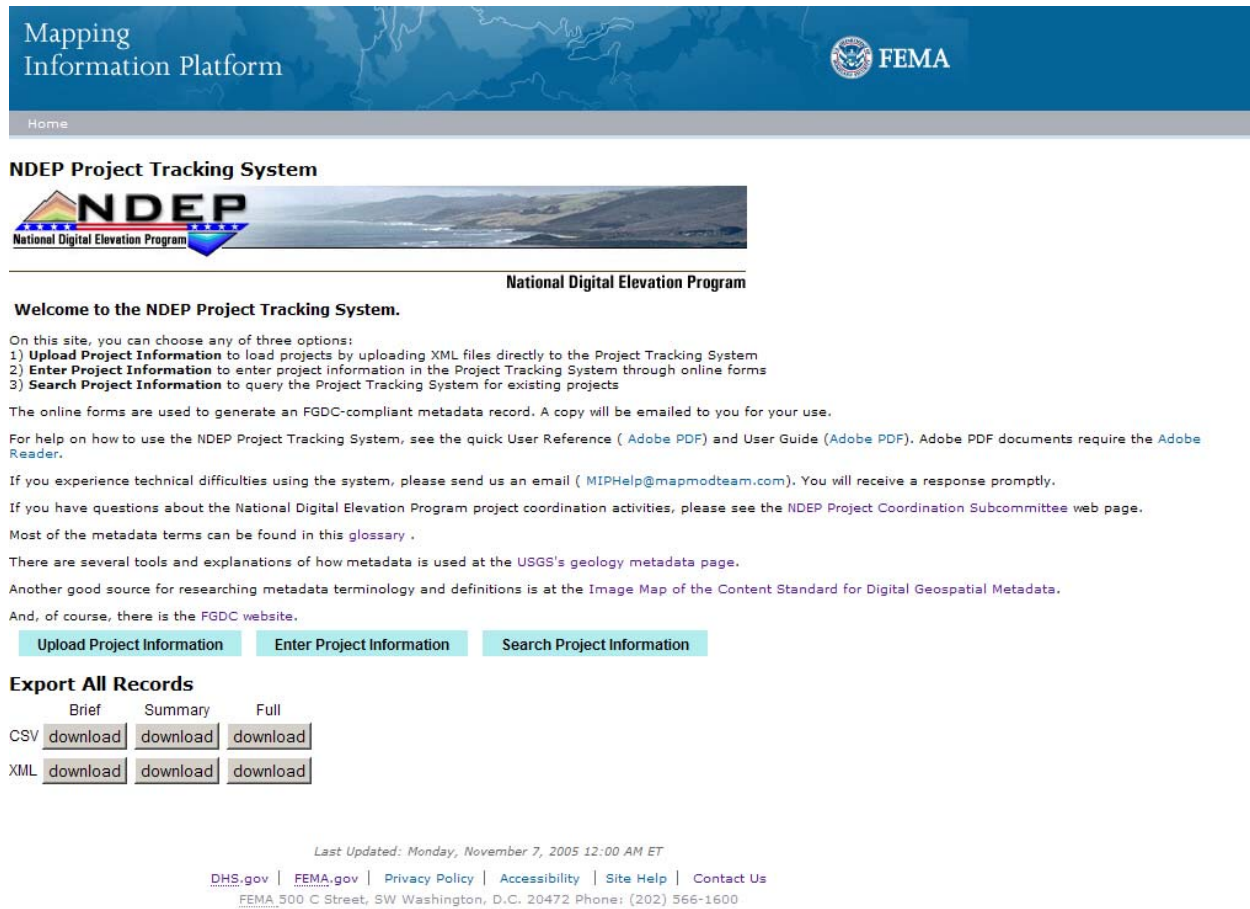
The NDEP Project Tracking System Quick Reference Guide contains useful information that will help guide you through using the application. For additional information, please review the NDEP Project Tracking User Guide.

Conventions used in this application are:

- All data entry boxes with a yellow background must be completed.
- All data entry boxes with a white background are optional and do not have to be completed.

Quick Reference Guide

Project Tracking System Home Page




The screenshot shows the NDEP Project Tracking System Home Page. At the top is a blue banner with the text "Mapping Information Platform" on the left and the FEMA logo on the right. Below the banner is a grey bar with the word "Home". The main content area has a header "NDEP Project Tracking System" followed by the NDEP logo and a landscape image. Below this is the text "National Digital Elevation Program". The main body of the page starts with a welcome message: "Welcome to the NDEP Project Tracking System." This is followed by a list of three options: 1) Upload Project Information, 2) Enter Project Information, and 3) Search Project Information. Below this list are several paragraphs of text providing additional information and links. At the bottom of the main content area are three buttons: "Upload Project Information", "Enter Project Information", and "Search Project Information". Below these buttons is a section titled "Export All Records" with a table showing download links for CSV and XML files in Brief, Summary, and Full formats. At the very bottom of the page is a footer with the text "Last Updated: Monday, November 7, 2005 12:00 AM ET" and a row of links: DHS.gov, FEMA.gov, Privacy Policy, Accessibility, Site Help, and Contact Us. Below these links is the address "FEMA 500 C Street, SW Washington, D.C. 20472 Phone: (202) 566-1600".

Mapping Information Platform

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Home

NDEP Project Tracking System



National Digital Elevation Program

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And, of course, there is the [FGDC website](#).

[Upload Project Information](#) [Enter Project Information](#) [Search Project Information](#)

Export All Records

	Brief	Summary	Full
CSV	download	download	download
XML	download	download	download

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There are four options on the NDEP home page:

- **Upload Project Information** allows the user to upload the project information from a preformatted XML file. The Sample section contains an example of the file.
- **Enter Project Information** allows the user to enter project information screens where the data is entered interactively on several different screens.
- **Search Project Information** allows the user to navigate to the search section of the application and to search the data currently in the system.
- **Export All Records** allows the user to export all the data currently in the system in a variety of formats.

Upload Project Information

If Upload Project Information is selected, the following screen appears:

Mapping
Information Platform

Home

FEMA

NDEP Project Tracking System - Upload

NDEP
National Digital Elevation Program

National Digital Elevation Program

XML Upload

If you have a valid metadata file in XML format, please use this form to upload your file. The Project Tracking System will validate your XML file against the FGDC Content Standard for Digital Geospatial Metadata Version 2 (FGDC-STD-001-1998).

Please note that in addition to the requirements of the FGDC standard, the Project Tracking System has its own formatting requirements to allow proper search and retrieval of the metadata document. See the User Guide ([Adobe PDF](#)) for details. Adobe PDF documents require the [Adobe Reader](#).

Submit a XML Metadata File :

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Use the Browse button to browse for the XML file. Once located, select Upload File.

If the file loads properly, the user will start on page 1 of project information entry, with the form fields populated with the information from the XML file.

If the file does not load, an error page will appear with descriptions of the errors in the XML file. Use a text editor to correct the XML file and try to upload it again. It should be noted that this is not the easy way to load a project into the system, but it can be quicker if the user is knowledgeable about metadata formats. The file will not be loaded until the errors are corrected and the upload steps are performed again.

Enter Project Information

If Enter Project Information is chosen, the following screen will appear:

NDEP Project Tracking System - Interactive Page 1 of 3

NDEP
National Digital Elevation Program

National Digital Elevation Program

Identification Information Please note that required fields are in yellow

Who is the NDEP lead funding Agency or Organization?

--Please Select-- Set Template If other, please enter here:

Are there other agencies or organizations funding the data collection? (Hold Control key for multiple entries)

-----Not Specified-----
NRCS
FS
USGS
BLM
If other, please enter here:

Who is the point of contact for partnering or information about the project?

Who is the contact person?

Contact Phone:

Contact E-Mail:

When the data are complete, how can someone obtain a copy?

Organization:

Contact Phone:

Website for data distribution:

Next Reset

The fields can be filled in as follows:

“Who is the NDEP lead funding Agency or Organization?” – Select the lead agency from the list, or key in the agency name if it is not on the list.

“Are there other agencies or organizations funding the data collection?” – Select other funding agencies from the list if desired. Multiple agencies can be selected by holding down the Control key and picking each agency. If an agency is not on the list, the user may key in the name in the box to the right of the list.

“Who is the contact person?” – Enter the name of the contact person for this project

“Contact Phone:” – Enter the phone number of the contact. Please use xxx-xxx-xxxx format.

“Contact E-Mail:” – Enter the email address of the contact person.

“Organization:” – Enter the name of the organization that can supply a copy of the data.

“Contact Phone:” – Enter the phone number of the contact for the data.

“Website for data distribution” – Enter the web address for the data, or enter “None” if a website is not yet determined.

Once all fields are complete, select the “Next” button. This will validate the data. If data meets the criteria, entry form page 2 of 4 will be displayed. If invalid data was entered or a required field was not filled out, the error will be identified to the user and must be corrected. Select the “Next” button when the errors have been corrected.



Tell us about the Project

Project Information

What is the title of your project?

In what fiscal year will the data be collected? (yyyymmdd)

What will be the estimated starting and ending dates? (yyyymmdd)

What is the status of your project?

Abstract: Provide a brief description of the project, the products planned and the purpose

What Vertical Datum will be used in collecting the data?

What is the planned NSSDA vertical accuracy of the data (in meters)? OR: ☐ To be Determined

[Online length conversion tool](#)

What is the approximate planned posting spacing of the data (in meters)?

If other, please enter here:

What type of elevation data (Data Model) will you produce? [NDEP Elevation Guidelines](#)
(Hold Control key for multiple entries)

Multi-Resolution Grid
Mass Points/Variable Spacing
Mass Points/Break Lines
Contours

How will the data be collected?

What will be the surface mapped by the data? (Hold Control key for multiple entries)

Reflective Surface
Constant Elevation

Use Constraints: Do you anticipate licensing or usage restrictions? (What can one do with the data after receiving it?)

Last Updated: Sunday, May 1, 2005 12:00 AM ET

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The fields can be filled in as follows:

“What is the title of your project?” – Enter a project name. Please keep this to less than 30 characters

“In what fiscal year will the data be collected?” – Select the year the data will be collected from the drop-down list.

“What will be the estimated starting and ending dates?” – These are optional fields to enter starting and ending dates for the project.

“What is the status of your project?” – Select the status of the project from the list.

“Abstract:” – This is an optional field that allows the user to further identify the project in under 200 characters.

“What vertical datum will be used in collecting the data?” – Select the vertical datum from the drop down list.

“What is the planned NSSDA vertical accuracy of the data (in meters)?” – Enter the horizontal accuracy in meters. There is a link to a conversion tool and to the NSSDA guidelines if the user requires help.

“What is the approximate planned posting spacing of the data (in meters)?” – Select the approximate planned posting spacing.

“What type of elevation data (data model) will you produce?” - Select the type of elevation data that will be collected in from the list. Multiple selections may be made by holding down the Ctrl-key. If the user does not yet know the type of elevation data, please select ‘To be determined’ from the list.

“How will the data be collected?” – Select how the data will be collected from the list. If the user does not yet know how the data will be collected, please select ‘To be determined’ from the list.

“What will be the surface mapped by the data?” - Select the surface mapped by the data from the list. Multiple selections may be made by holding down the Ctrl-key. If the user does not yet know what the surface mapped will be, please select ‘To be determined’ from the list.

“Use constraints:” – Select the use constraints for the data from the list.

Once all fields are completed, select the “Next” button. This will validate the data. If data meets the criteria, entry form page 3 of 4 will be displayed. If invalid data was entered or a required field was not filled out, the error will be identified to the user and must be corrected. Select the “Next” button when the errors identified have been corrected.



Tell us about the Project

Project Location

What area will be covered by this data?

Please enter bounding rectangle for the data

North Bounding Coordinate:
(Decimal degrees)

South Bounding Coordinate:
(Decimal degrees)

East Bounding Coordinate:
(Decimal degrees)

West Bounding Coordinate:
(Decimal degrees)

OR

Please select a state or a county to insert the bounding box coordinates into the metadata record

State:

Is there a specific description of the area you would like to provide?

The fields can be filled in one of two methods as follows:

First method - Enter bounding box

If the user knows the bounding box then the coordinates can be entered in fields 3-1 through 3-4.

“North Bounding Coordinate” – Enter the North coordinate (must be larger than the South coordinate)

“South Bounding Coordinate” – Enter the South coordinate (must be smaller than the North coordinate)

“East Bounding Coordinate” – Enter the East coordinate (remember to use a minus (-) in front of western hemisphere projects).

“West Bounding Coordinate” - Enter the West coordinate (remember to use a minus (-) in front of western hemisphere projects).

“Is there a specific description of the area you would like to provide?” – If desired the user may describe the area for the project in greater detail (limited to 200 characters)

If the user has completed fields 3-1 through 3-4, select the “Next” button to go to page 4.

Alternative method - Select State

If the user wants to select a state use the following method and select from field 3-5.

“Please select a state...” – Select the state from the list. If the project is a state level project the user can then optionally fill the subsequent field.

Select the “Next” button to go to page 4.

Alternative method - Select State and County

If the user wants to select a state and county use the following method.

“Select state” – Select the state from the list. Select the radio button for “Select a county.” Then select the “County List” button. The user will then have a list of counties to select from. Only one county can be chosen from the list. If the project is a county level project, the user can then optionally select a county.

Select the “Next” button to go to page 4.

Select “Submit your information.” This will validate the submission and place it in the system so that it is immediately searchable. An email will be sent to the email address of the contact listed in the input with a copy of the project information record.

Search Project Information

If Search Project Information is chosen, the following screen will appear:

FEMA: Mapping Information Platform: NDEP Project Tracking System - Search

NDEP
National Digital Elevation Program

National Digital Elevation Program

Overview

Map

Size: [Icons] Navigation: [Icons] Quick Zoom: [AK HI AS PR & VI GU & MP US 48] Selection: [Icon]

Base Layers

- ☒ County Boundary
- ☒ Interstate Highways
- ☒ Highways
- ☒ Major Roads
- ☒ Streets
- ☒ States(1)
- ☒ States(2)
- ☒ Counties
- ☒ Major Cities
- ☒ Cities
- ☒ Minor Rivers
- ☒ Lakes, Major Rivers(1)
- ☒ Lakes, Major Rivers(2)

Overlay Layers

- ☒ Servers
 - ☒ USGS reference data
 - ☒ FEMA Map Mod flood data
 - ☒ JPL OnEarth satellite imagery
 - ☒ NOAA hydrographic data

Zoom Controls

Select State: [Dropdown]

Zoom to Bounding Box

Max Y: [59.3750]
Min X: [-126.000] Max X: [-65.0000]
Min Y: [13.6250]

Zoom Map

Search Parameters

Search by Content Status

Progress: [Please Select]

Search by Location

Place Keyword: [Text Box]

(State or County)

Search by Time Period

Fiscal Year: [Please Select]
OR
Fiscal Year Range: From [Please Select] To [Please Select]

Search by Agency

Lead Agency: [Please Select]
NRCS
FS
USGS
BLM
NPS

Participating Agency: [Please Select]
for use by FEMA Map Mod
NRCS
FS
USGS

Search by Elevation Details

Surface Mapped: [Please Select]

Horizontal Posting Range: From [] To []

Vertical Accuracy Range: From [] To []

Collection Method: [Please Select]

[Reset] [Search]

Upload Project Information **Enter Project Information**

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In order to search the project information for other projects in the system, select one or more criteria using the drop-down boxes, data entry boxes, or by zooming in to an area on the map. The user may search by

one or multiple criteria. Be aware that if too many criteria are chosen, the user may limit the search to a point where no records meet the criteria.

The base and overlay layers may be turned on and off to change the map display. Zoom controls can also be used to change the current map extent, either to zoom to a state or a county. Other pre-defined extents exist in the Quick Zoom box.

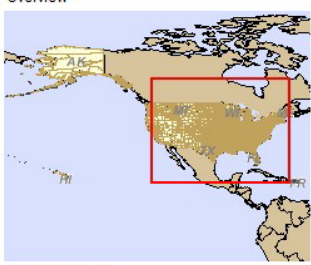
Once the criteria are chosen, select “Search” and the following results page will be displayed. Alternatively, the “Quick Search” icon (in the Selection box) can be chosen to initiate an immediate search based only on the geographical extent selected.

NDEP Project Tracking System - Search Results

National Digital Elevation Program

Overview



Zoom Controls

Select State: ▼

Zoom to Bounding Box

Max Y: 59.2145

Min X: -122.658 Max X: -69.6920

Min Y: 19.4897

Zoom Map

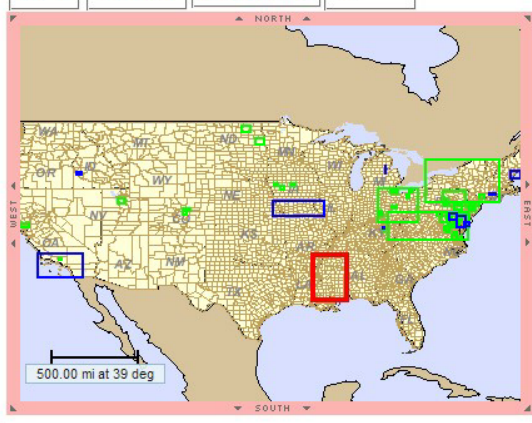
Map

Size: + - ↺ ↻

Navigation: 🔍 📏 📍

Quick Zoom: AK HI AS PR & VI GU & MP US 48

Selection: 📏



Base Layers

- ☒ County Boundary
- ☒ Interstate Highways
- ☒ Highways
- ☒ Major Roads
- ☒ Streets
- ☒ States(1)
- ☒ States(2)
- ☒ Counties
- ☒ Major Cities
- ☒ Cities
- ☒ Minor Rivers
- ☒ Lakes, Major Rivers(1)
- ☒ Lakes, Major Rivers(2)

Overlay Layers

- ☐ Servers
- ☐ USGS reference data
- ☐ FEMA Map Mod flood data
- ☐ JPL OnEarth satellite imagery
- ☐ NOAA hydrographic data

Search Results

Delete

Check: All, None

Delete	View	Edit	Project Name	Originator	Fiscal Year	Find Overlapping Projects
<input type="checkbox"/>			Southern California Castal IFSAR	NOAA	2005	Find
<input type="checkbox"/>			Saginaw Bay Lidar A	NOAA	2005	Find
<input type="checkbox"/>			Coastal Maine LIDAR	NOAA	2005	Find
<input type="checkbox"/>			Coastal Connecticut - Phragmites	NOAA	2005	Find
<input type="checkbox"/>			Boise Idaho Area	NRCS	2005	Find
<input type="checkbox"/>			MARIS	Mississippi GIS	2005	Find
<input type="checkbox"/>			MOCARES	MOCARES	2005	Find
<input type="checkbox"/>			KY River Lidar	USACE	2005	Find
<input type="checkbox"/>			Anne Arundel and Howard Co.	Anne Arundel, Howard	2005	Find
<input type="checkbox"/>			Lower Eastern Shore	Maryland DNR	2005	Find

Displaying 1 - 10 of 59 results 1 2 3 4 5 6 next >

Upload Project Information
Enter Project Information
Search Project Information

Export All Search Results

Brief Summary Full

CSV download download download

XML download download download

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The search results are displayed in the table, 10 records per page. A table row can be selected by clicking on it, which will highlight in red that project's bounding box in the map. The non-selected projects on that page have their bounding boxes displayed in blue on the map. And the other projects in the results set (on other results pages) have their bounding boxes displayed in green.

Clicking on the icon in the View column will display a summary of the project information for that project. From the summary view, the user can choose to view the project's complete record.

Records can also be deleted or edited, but a username and password are required. Contact your agency's NDEP Project Coordination Subcommittee representative if you need access to edit or delete records.

The "Refine Search" icon (in the Selection box) can be chosen to refine the results set, based on the geographical extent selected. If the Find button to the right of each project is selected, then all projects in the system (not just those in the current results set) that overlap the spatially bounding rectangle for that project will be displayed in a new set of results.

Export All Search Records allows the user to export all the results set projects in a variety of formats.

Contact for Assistance

If you need assistance with this tool, please contact the FEMA Help Desk by e-mail (miphelp@mapmodteam.com).

Sample XML File

Shown below is an example of a correct XML File that will pass the validator in the upload process. For more details about the XML input file, see the NDEP Project Tracking System User Guide.

```
<?xml version="1.0" encoding="UTF-8" ?>
- <!--
Sample XML file generated by XML Spy v4.1 U (http://www.xmlspy.com)
-->
<metadata xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:noNamespaceSchemaLocation="C:\cygwin\home\johnd\Projects\IP2000\FE
  MA-MIP\Architecture\GeospatialInteroperabilityFramework\Metadata\MIP-
  Profiles\ProfileSchema\fgdc-std-001-1998\fgdc-std-001-1998-ann.xsd">
  <idinfo>
    <citation>
      <citeinfo>
        <origin>LeadBLM</origin>
        <origin>ParticipatingFS</origin>
        <origin>ParticipatingUSGS</origin>
        <pubdate>00000000</pubdate>
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        <geoform>Multi-Resolution Grid</geoform>
        <geoform>Mass Points/Variable Spacing</geoform>
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    </citation>
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    </descript>
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```

```

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</timeperd>
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    <eastbc>-81.652440</eastbc>
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    <southbc>34.988680</southbc>
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    <themekey>NDEP</themekey>
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    <placekey>Tennessee</placekey>
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    <tempkey>2007</tempkey>
  </temporal>
</keywords>
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<ptcontac>
  <cntinfo>
    <cntperp>
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    </cntperp>
    <cntaddr>
      <addrtype>Mailing</addrtype>
      <address>Not Applicable</address>
      <city>Not Applicable</city>
      <state>Not Applicable</state>
      <postal>Not Applicable</postal>
      <country>USA</country>
    </cntaddr>
    <cntvoice>410-555-1212</cntvoice>
    <cntemail>someone@someagency.gov</cntemail>
  </cntinfo>
</ptcontac>

```



```

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  </idinfo>
  <dataqual>
    <logic>Unknown</logic>
    <complete>Unknown</complete>
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        </qhorizpa>
      </horizpa>
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        <qvertpa>
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      </vertacc>
    </posacc>
    <lineage>
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            <title>Not Applicable</title>
          </citeinfo>
        </srccite>
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        <srctime>
          <timeinfo>
            <sngdate>
              <caldate>Unknown</caldate>
            </sngdate>
          </timeinfo>
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        </srctime>
        <srccitea>LIDAR</srccitea>
        <srccontr>Not Applicable</srccontr>
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  </spdoinfo>

```

```

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      <altunits>meters</altunits>
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    </altsys>
  </vertdef>
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  <detailed>
    <enttyp>
      <enttypi>Reflective Surface</enttypi>
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    </enttyp>
  </detailed>
  <detailed>
    <enttyp>
      <enttypi>Constant Elevation</enttypi>
      <enttypd>Not Applicable</enttypd>
      <enttypds>Not Applicable</enttypds>
    </enttyp>
  </detailed>
</eainfo>
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  <distrib>
    <cntinfo>
      <cntorgp>
        <cntorg>Baker</cntorg>
      </cntorgp>
      <cntaddr>
        <addrtype>mailing address</addrtype>
        <address>Not Applicable</address>
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        <state>Not Applicable</state>
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